

### ABSTRACT OF THE DISKLOSURE

A rotary tray apparatus includes a counter for counting L levels and H levels of a pulse signal in one cycle at a predetermined time interval, a detecting unit  
5 for detecting whether or not a signal of an opposite level is input during counting of respective levels executed by the counter, a memory for storing previously-input counted numbers of respective pulse signals as reference values, and a controlling unit for comparing a counted value at  
10 this input time point with the reference values in the memory when an opposite level detecting signal is sent out from the detecting unit 10a during counting, then deciding that a noise signal is input when the counted value is out of tolerances of the reference values, and then  
15 initializing the counted values and continuing determination of the identification numbers based on the input pulse signal.